

## John Lay And Jeff Bostock Take Master's Degrees At UT

St. Patrick's Day, March 17, 1964, brought a bonanza to a couple of Y-12ers. It was on that day yesterday that Don J. Bostock and John Lay Jr. received their Master's Degree in business administration at the University of Tennessee. Bostock is in Y-12's Fabrication Planning and Coordination and Lay is in SS Control. 6-11933



Don Jeffrey Bostock



John Lay Jr.

Alvin M. Weinberg, Oak Ridge National Laboratory director, gave the commencement address to the UT graduates.

D. J. Bostock, or Jeff, as he is known, is a native of Philadelphia, Pennsylvania. He came to Oak Ridge first as a summer student at Oak Ridge Gaseous Diffusion Plant. After his graduation from Pennsylvania State College, where he received a BS in industrial engineering, he came full-time to ORGDP, and transferred to Y-12 on August 1, 1961. He served a brief span in the United States Army in 1959.

Married to the former Dorothy Allison, Bostock lives at 105 Edgehill Lane, Oak Ridge. The Bostocks have two small daughters, Deborah and Nancy, and a young son, Kenneth.

The subject of Bostock's thesis was "An Exploration of Unexplained Variance in the Critical Evaluation Technique."

John Lay Jr., a native of Newcomb (Campbell County) Tennessee obtained his under-graduate degree from Tennessee Polytechnic Institute, Cookeville, in business administration, after a six-year hitch in the Marine Corps. He came to Y-12 February 29, 1952.

The Lays live at 117 South Purdue, Oak Ridge. Mrs. Lay is the former Doris Foote. They have three children, Sylvia, John W., and Robert W.

Lay's thesis was "An Experimental Self-Rating Form for Measuring Accident-Proneness."

Both Bostock and Lay obtained the graduate degrees while working full-time in Y-12. They are both quick to extoll the virtues of the Union Carbide Educational Assistance Program.

Congratulations to both graduates!

### Battersea's Elton Holds Physics Seminar Friday

L. R. B. Elton, Battersea College of Technology, London, England, will conduct this week's Physics Division seminar. He will discuss "Rotational States in Light Nuclei."

The Oak Ridge National Laboratory seminar is scheduled for Friday, March 20, at 3:15 p.m. in the East Auditorium of the 4500 building.

### SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
42 Days Or  
1,385,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through March 15  
Phone 7755  
For Daily Report  
On Accident-Free Hours

## World's Fair Ducats At Discount Price

Y-12 vacationers who plan to attend the World's Fair this summer in New York City may obtain special discounted admission tickets through the Recreation Office.

Union Carbide Corporation is providing tickets for the World's Fair for use by employees and/or members of their family at a special rate. Regular admission at the gate is \$2 and the tickets through Recreation will be only \$1.35.

Since the number of tickets are limited, and the tickets must be ordered by a certain date, it is important that you act now. Call Recreation, extension 7109; give your name, badge number and the amount of tickets you wish. When they arrive, you may pick them up and pay for them at that time.

Recreation is taking ticket applications until 4:30 p.m. Wednesday, April 8. (The dates of your vacation are unimportant, since the tickets will be honored any time during the 1964 season.)

So act now. If you are planning a World's Fair trip this summer, it's a good opportunity to save on admittance costs at the big fair.



A TOTAL OF NINE TOOL ENGINEERING men receive certificates for completing the industrial course in engineering mechanics—statistics, and an additional five receive certifications of monitor. Attending the certificate-awarding are, seated from left: H. H. Stoner, Product Engineering Division superintendent; Frank Fuis Jr., head of Development Tooling Design . . . and on the other side of the table, R. C. Gwaltney (who assisted Fuis in instructing the class) and E. R. Watkins, head of Tools and Gages. Standing from left, are C. P. Tudor, E. E. Robbins, Paul Febbo, J. F. Gibson, R. K. Goosie, H. E. Coppock, J. Leo Waters, head of Tool Engineering; W. B. Hood, John Hill, Paul E. Boyer, receiving certificate; W. I. Galyon, Wayne Collette, and B. F. Fox. R. T. Wyrick and E. E. Palmer were not present for the honors.

## Tool Engineering Men Complete Industrial Course In Engineering Mechanics--Statics

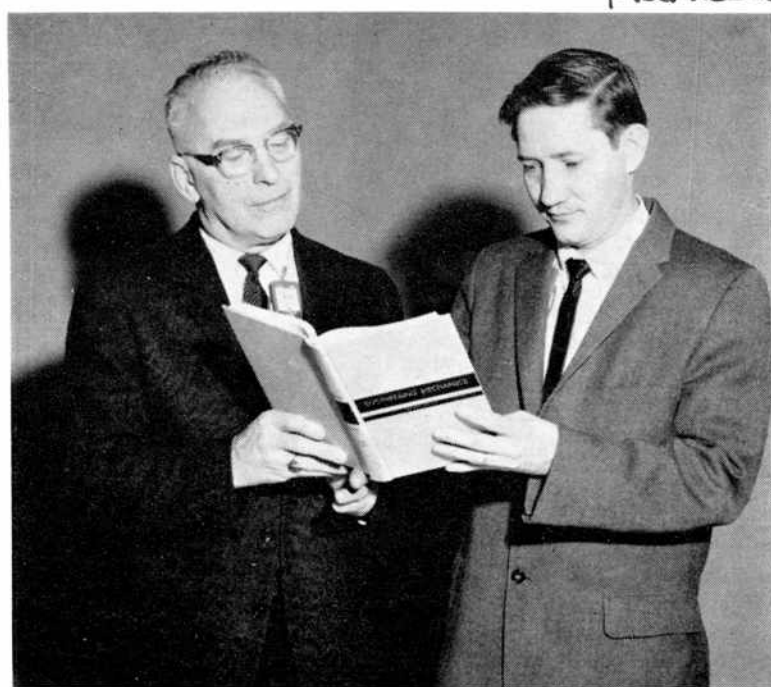
The Tool Engineering Department last week recognized 14 senior draftsmen and designers who took an industrial course in Engineering Mechanics — Statics, as J. L. Waters, department superintendent, presented the men certificates.

Employees taking the course were Paul F. Boyer, Wayne C. Collette, H. E. Coppock, Paul P. Febbo, B. F. Fox, W. I. Galyon, E. E. Robbins, C. P. Tudor, and R. T. Wyrick. J. F. Gibson, R. K. Goosie, John W. Hill, W. H. Hood and E. E. Palmer also audited the course.

### Subject Very Important

The course was offered by the Tool Engineering Department because the material it covers is of great importance to those who have responsibility for mechanical design. Some of those who completed the statics course are continuing with Engineering Mechanics — Dynamics, and others in a math review course. Used in the Statics course was a college level textbook: "Engineering Mechanics, Second Edition," by F. L. Singer, Associate Professor of the Engineering Department, New York University. It began in October, 1963, and was completed in February of this year, and covered approximately 34 class hours, entailing at least an equal amount of time for individual preparation. Instructors were R. C. Gwaltney and Frank Fuis Jr., both mechanical engineers in the department.

At the certificate awarding, H. H. Stoner, superintendent of the Product Engineering Division, commented on this new division of which Tool Engineering is a



TOOL ENGINEERING's Frank Fuis Jr. and R. C. Gwaltney were the instructors in the special course of engineering mechanics taught to 14 Y-12ers. The classes ended in the current course on February 20, 1964.

part. He emphasized the need for improved communications and cooperation. E. E. Watkins, department head, commented on the Value Engineering work sessions that have been organized.

### Educational Assistance

Tool designing involves jigs, fixtures, handling equipment, gages and precision mechanical equipment. Tool designing is a service to the fabrication, assembly, and inspection departments, and many of the men in the classes named are located in these production areas.

The Union Carbide Education Assistance Program is supplemented by on-the-job training, such as was this course. This is reflected in direct benefits to tool engineering. The increased use of numerically controlled machine tools and inspection equipment have placed greater demands on the ability of technicians and engineers. A continuing process of learning is considered essential to the department for the growth in capability and versatility of the skilled personnel it encompasses.



# The Bulletin

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CORPORATION

UNION  
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NUCLEAR DIVISION

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## McNabb Daughter Is On Tour In Far East

Famed Madrigalins  
Good-Will Singers



Patricia McNabb

The Madrigalians, a select singing group from George Peabody College for Teachers, is currently on a singing tour of the Far East.

Patricia McNabb, daughter of George E. McNabb, Uranium Chemistry, is first soprano with the Peabody singers.

The Peabodians will appear on college and university campuses, at some secondary schools, and at embassies and consulates, carrying a part of America's musical heritage to their counterparts in the Orient. They were selected by the State Department for their artistic excellence and for their ability to be ambassadors.

The Madrigals are in Japan currently, and will go from there to Taiwan, then on to Korea. They will appear in many Korean cities familiar to GI's... Seoul, Taegu, Pusan and Kwanju. Their Japanese stay will include appearances in Tokyo, Hiroshima, and many other famous cities.

The singing group traditionally sits about a table to sing, and is one of six college groups chosen by the State Department to serve as good-will ambassadors under its Cultural Presentations Program.

The McNabb family lives at 605 Florida Avenue, Oak Ridge.

## Linde Sets New Sales Record For 9th Year

For the ninth consecutive year, the Linde Division of Union Carbide Corporation set a new sales record. According to Robert F. Flood, president of the division, 1963's sales of industrial gases and cryogenics increased approximately 10 per cent over the previous year's sales.



New this week is news in

### MAINTENANCE

Russ (Electrical) and Martha (Assembly Operations) Blevins are at it again. Just look below:



Karen Sue Williams

This little cuddly bundle is just one hour old when this picture was made February 20. Karen arrived at the Oak Ridge Hospital weighing seven and one-half pounds. The parents are Gary and Susie Williams. This is grandchild number three for the Blevins.

The Maintenance Administration Services sends best wishes to Jim Froula, who leaves Friday. Jim, a star on the basketball courts, is a co-opper and will return to his studies at the University of Tennessee.

### FABRICATION

Have you noticed a young, old man strutting around like a peacock and passing out cigars lately in the General Machine Shop? That's Ray Rector who became a proud grand-pop for the first time recently. One spoiled granddaughter coming up.



Karen Stacy Anderson

This doll's papa really works in Y-12, but the photograph belongs to her grand-pop, Fred Vaughn, General Machine Shop. The father is in Numerical Control section of Tool Engineering. Karen is enjoying her first birthday cake obviously.

Beta Four's Heavy Machine Shop seems to be growing by leaps and bounds. Some come leaping in... all go bounding out. Welcome anyway, men... W. L. Mincey, G. R. Goins, J. L. Devaney, J. W. Shipley, T. S. Swindle, R. H. Hall, B. W. Hensley, B. D. Duncan, T. R. Wall, D. E. Perkins, S. F. Edwards, O. H. Harmon, H. G. Overton, B. S. Dill, E. R. Stover, T. B. Rhorer, D. W. Burchfield, R. P. Walker, J. A. Clemons, T. C. Pack, R. L. Bass and A. B. Galyon.

Attending the Women's State Bowling Tournament was Bill

Sahr... A. E. Burger went last week but didn't bring home any bacon.

B. W. Hensley is taking his turn dispensing justice via the courts... E. J. Holt already served his turn as have some of the other shopmen.

Sporting a girdle on his right arm is J. C. (Clumsy) Hall. He says he slid on the ice a couple of weeks ago while trying to get to a truck and hit his arm on the side of the vehicle, spraining it.

The destination and objective of L. Johnson on vacation are unknown.

Get well to R. B. Russell who is off ill... also to Millie Hawkins, wife of C. W. Hawkins, who is in Oak Ridge Hospital.

Betty Ward is looking forward to Spring. She wants to look for four-leaf clovers and shamrocks for her luck sure needs changing. Together her son and hubby have had back surgery, flu, measles, pneumonia and mumps during the past year. All Betty had time for herself was a runny nose. As if all that were not enough, a teenager hit their car to miss a cat (wild, alley, hep or cool, she doesn't know); Betty got locked out of the house with no key; and an uncontrolled fire started by a neighbor burned about four acres of their property. If you're smart, don't ask, "Hey, Betty, what's new?"

We're waiting on a new book to come out on 'how not to do it yourself!'

### INDUSTRIAL RELATIONS

Vacationing this week from the Fire and Guard Department are W. E. Bruce and J. B. Quinn... Taking early Spring vacations prior to that were R. L. Byrd, R. L. Carson, C. H. Nicely, H. H. Neal and A. L. Rosenbalm.

Get well wishes to H. H. Neal and A. J. Jeffers.

Security welcomes Jim Soward back after a stay in the hospital.

A practical nurse is one that marries a wealthy patient.

Some wives have a habit of talking to themselves... but they don't know it. They think their husbands are listening.

### PRODUCT PROCESSING

Tool Engineering tells that John Bassett and family are enjoying their new home in Concord. They have joined other folks... Duke Lawhorn and Dick Spears... who live out thataway.



Ride 'em Cowboy!

Tall in the saddle is Mark Allen, headed here for the open



**STUDENTS AT LAST YEAR'S** Camera Club photography school Bertha Crowder and Jeanne Cothron look on while ORNL's Bob Stephenson instructs them in the operation of a simple view camera. This year's instructions begin Thursday, April 2.

## Camera Club Sets Opening Of Photographic School

The Carbide Camera Club announces the beginning of its annual photography school, aimed primarily at the beginner. Classes

will begin Thursday, April 2 and will be held on the following five Thursdays. The sessions begin at approximately 8 p.m. and will be of one or two hours duration including lecture and/or demonstrations.

The subjects to be offered include: How to Operate a Camera; Fundamentals of the Photographic Process; Correct Exposure for Black and White and Color Films; Composing Your Picture; Simple Lighting for Portraits; Tricks to Improve Your Flash Photographs; and Elementary Dark Room Procedure.

Additional subjects will be covered if the demand is shown. The instructor will be R. L. Stephenson, ORNL, who can be reached on extension 6-1286.

The classes are held in the Club's facilities in Cheyenne Hall.

While the main emphasis of the course will be on teaching the beginner how to make better pictures, it would also serve as a valuable refresher course for more experienced amateur photographers.

Club membership is open to all Carbide employees who show an interest in any phase of photography.

in Ft. Sanders Presbyterian Hospital.

A. H. Gough is on a four week vacation to visit his son in California... Other vacationers include J. S. Wilson, N. W. Evans... R. D. Freels working on his farm... A. H. Norman attended the State Basketball tournament in Nashville.

If you put in your two cents nowadays, it takes five cents to mail it to Washington!

### MATERIALS & SERVICES

Stores sends get well wishes to C. O. Poland.

Also vacationing from Stores are J. B. Moneymaker in Arkansas... J. A. Davis and G. W. Bass at home.

Let's beat it back to K'town!

### ORGDP INVESTMENT

The Oak Ridge Gaseous Diffusion Plant, often called K-25, represents a federal investment of \$843 million. The plant went into operation February 1945, producing enriched U-235 for use in weapons or nuclear fuels.



Yvonne Hurst



Anita Hurst

The young ladies above are the adopted daughters of Nora Hurst, Tool Engineering. Yvonne is 11 and one-half years of age and in the sixth grade at Oakwood School, Knoxville. Anita is a student at Christenberry Jr. High School, and was only a week old when Nora came to Y-12 in 1951. Pretty, aren't they?

Obesity may be called surplus that has gone to waist!

### SHIFT SUPERINTENDENTS AND UTILITIES

Get well wishes to S. F. Creigh



## Mixed Bowlers Tighten Race For Final Top

The Cool Cats kept their scanty lead in the Mixed League for Y-12 bowlers last week by taking three points from the Alley Cats. The Ghosts hung onto second place by doing likewise from the Scrappers. The Goofers, a hair's-breadth away, took four easy points via a bye. The Phantoms and Pin Plasters shared two points each.

Lucy Parker, Phantoms, swept the female boards rolling singles of 176 scratch, 231 handicap. Her series of 431 scratch and 596 handicap were high also. Charles Gillihan, Ghosts, took high singles of the male side, rolling 205 and 233. Bob Hagood, Goofers, kept up his usual style, taking series scratch with 539 and W. C. Smith, Alley Cats, took series handicap highs with 634.

Smith picked up the difficult 7-6, 10 split . . . and Georgia Rader, subbing with the Cool Cats, took an all-time high scratch game for herself, counting 223 total pins!

The Goofers took most team honors with singles of 654 scratch and series of 1840. The Cool Cats captured singles handicap with 811, while the Goofers' handicap tally in series play was 2296.

League standings follow:

Team	W	L
Cool Cats	28	12
Ghosts	26½	13½
Goofers	26	14
Phantoms	23	17
Pin Plasters	20	20
Alley Cats	18½	21½
Scrappers	18	23

## Easter Ham Shoot Set For Saturday

You may not bring home the bacon in Saturday's Ham Shoot, but then you may take a ham with you. The E, F, G, H and J shift combination is planning a big ham shoot for Saturday, March 21 at the Oak Ridge Sportsmen's Association shooting range.

There is no fee, but you must purchase your shells on the spot. Cost of the 12-16-20 gauge shells is only ten cents.

All Carbine employees in Y-12 plus members of their families are welcomed at the event. Kid shooters are especially welcome, and make interesting competitors in the shoot-outs. Some cracker-

## Big Five Keeps C League Lead Barely

### Sise And Bryan Take Individual Highs

The hot race for number one spot in C League continued last week as the Big Five took three big points from the Sunflowers. The Five Roses jumped to second place by gathering the only four point sweep of the week in blasting the Parbusters. In addition to the three points taken by the Big Five, other triple point wins were scored by the Rodders over the Hi-Lifers, Hookers over the Shud-A-Beens, Strikers over the Screwballs and Rounders over the Lucky Strikes. The league continues to be a topsy turvy race with various teams changing positions week by week.

Bill Sise, marking for the Big Five, took individual scratch singles with 232 game, 254 handicap. J. C. Bryan, Rounders, tallied an individual scratch series of 604 and dominated individual handicap series with a 679 score. The Big Five once again took team honors with a 928 scratch singles, 1044 handicap singles, 2631 scratch series and 2979 handicap series.

Team	W	L
Big Five	28	16
Five Roses	26	18
Rodders	25	19
Hookers	25	19
Shud-A-Beens	24	20
Lucky Strikes	23	21
Strikers	23	21
Rounders	23	21
Sunflowers	22	22
Hi-Lifers	20	24
Screwballs	13	31
Parbusters	12	32

### Friday Is Deadline For All Carbide Entries

Friday, March 20 is the deadline for entry-filing in the All Carbide Bowling Tournament. Is your team in yet? Recreation has set 4:30 p.m. Friday as the last moment for entering teams in the three-plant battle. Fees must accompany entry forms. Additional information may be obtained from R. T. Cantrell, extension 7109.

jack marksmen are developing among Y-12ers' children.

In case of bad weather, the shoot will be rescheduled for the following Saturday, March 28.

Our country's life depends on your ability to keep silent about classified matters.



**BIG WINNERS IN C SHIFT'S** bowling party of February 27 are seen above. Seated, from left, are W. R. McGill, Bill Grubb, R. L. Sampsel, E. K. Beeler, C. Brown and H. A. Lay. Standing are W. K. Fulbright, F. J. Blair, F. A. Gragg, Carl Frazier, M. L. Cooper, and J. B. Fincher.

## Y-12 Rebs, Atoms Still 'Up There' In Basketball

Y-12's two classy teams, the Rebs and Atoms continued to be contenders for the Basketball League crown last week . . . both won games from their opponents. Action began Monday as ORNL's Cell Four team was outclassed two to one in scoring by the Metals and Ceramics team. The score was M & C 46 . . . Cell Four 23. R. Vandermeer led the winners with 13 points.

Y-12's Atoms took ORGDP All Stars 66 to 59. The All Stars gave the Atoms a real tussel in this one. They were exceptionally hot in the third quarter taking the lead for the first time. The 'fast break' of George and Brooks proved too much in the final period. Jim George scored 21 points . . . Carlos Brooks took 20. ORGDP's Hot Shots defeated ORNL's Analytical Chemistry in Monday's next game, 55 to 36. The AC 'quintet' fell behind the first quarter and could never make ground after that, missing their big gun Tom Kress. Roberts and Graham scored 14 and 12, following Benny Crass's big 16

points. Morgan and Wike scored 10 each for the losers.

### Peons Lose Sixth

The Fearless Five, ORNL, trimmed Y-12's Peons for their sixth straight defeat 52 to 33. The Five had too much height which spelled defeat. Wilson scored 18 for the FF combo . . . and Crumb and Forrester led the Peons with 14 and 10 each.

A low scoring game Wednesday gave the ORGDP Hot Shots an edge over ORNL's Cell Four team, 26 to 22. Benny Crass led the winning team with 10 . . . Ron Lenius scored for his Cell Four team.

### Independents Win Again

The Independents, ORNL, kept up there with the best of them last week, by downing the Analytical Chemistry team 38 to 27 . . . Tom Kress scored 13 for the losers . . . Herman Thomas scored 17 for the winners.

Y-12's Rebs won their sixth game of the final half by taking the Metals and Ceramics team from ORNL, 45 to 37. Don Mahaffey scored 13 for the Y-12 team, John Pridgeon took 12.

League standings follow:

Team	W	L
Rebs, Y-12	6	1
Independents, ORNL	6	1
Atoms, Y-12	5	1
Metals & Ceramics, ORNL	4	2
Fearless Five, ORNL	5	3
All Stars, ORGDP	4	4
Analytical Chemistry, ORNL	2	4
Hot Shots, ORGDP	2	5
Cell Four, ORNL	1	7
Peons, Y-12	0	6

## 'Land I Love' Is Audubon Theme

"Land That I Love" is the title of the last Audubon Screen Tour program of the current season, to be presented at Jefferson Junior High School tomorrow, Thursday, March 19 at 7:30 p.m. Eben Millan, a rancher from California, will pay his second visit to Oak Ridge to narrate the film.

The film might be called an ecological history of the West. The story begins with the arrival of the first pioneer scout to a land teeming with buffalo, antelope, prairie dogs, sage grouse and many other species of wildlife.

The Oak Ridge Conservation Club has signed a contract to bring Audubon Screen Tours back for the 15th season during 1964-65. A. H. Patterson will continue as Audubon chairman for the Club. Roy Shipp, ORNL, was recently re-elected president of the Club.

Tickets for "Land That I Love" will be on sale at the box office prior to tomorrow's film.

## Bumpers, Markers Keep Classic Lead

### Harry Keen Takes High Single Honors

The Bumpers and Markers continued their neck-and-neck race in the Classic League for Y-12 bowlers last week. The Bumpers bumped the Playboys for four points and the Markers marked four to the expense of the Smelters. Other four pointers went to the Splinters over the Has Beens and the Wasps over the Rebels. The Swingsters took three from the All Stars, as did the Rippers from the Cubs, and the Screwballs from the Tigers.

Harry Keen, Splinters, gained the glory road on singles, rolling 233 scratch, 259 handicap. Tom Hillard, Markers, marked a 600 scratch series and Red Albright, Eightballs, took high series in handicap counting with 671.

The Bumpers cleaned the board teamwise, rolling scores of 971, 1091 in singles, and series of 2705 and 3065.

League standings follow:

Team	W	L
Bumpers	36	12
Markers	34	14
Swingsters	29	19
Has Beens	28	20
Wolves	25	23
Playboys	24	24
Rippers	24	24
Screwballs	24	24
Tigers	23	24½
All Stars	22½	25½
Smelters	22	26
Splinters	22	26
Wasps	21	27
Rebels	19	29
Eightballs	17	31
Cubs	13	35

## E League Alleys Still Locked In Tie

### Cannon Balls Keep Alley Bees Company

The Cannon Balls and Alley Bees remained tied for the lead in the E League for bowlers last week as both teams split scores. The Cannon Balls tied the Ten Pins and the Alley Bees tied with the Pinquins. The only win of three points went to the Pin-twisters over the Four Squares.

Ed Hightower, Cannon Balls, took all individual glory. His singles were 237, 273 and his series tally was 539, 648.

The Cannon Balls also took their fair share of team honors, taking singles of 698 scratch and 852 handicap. The Four Squares took scratch series with 1876 and the Pin-twisters took series handicap tops with 2317.

Excitement reigned also as Earl Hinton picked up a 4-10 split . . . R. Gibson gained a 7-9 one and J. Plaza knocked down a 6-7, 10 split.

League standings follow:

Team	W	L
Cannon Balls	22	14
Alley Bees	22	14
Ten Pins	20	16
Four Squares	17	19
Pinquins	14	22
Pin-twisters	13	23

## Volleyball League Rested Last Week

Teams in the Volleyball League among Carbidors rested last week as the High School gyms were in use by, of all people, the High School. Regular play resumes this week, with the schedule showing one week behind.

Latest standings are:

Team	W	L
Beavers, Y-12	16	2
Set-Ups, ORNL	16	2
Old Men, ORNL	12	6
Eagles, Y-12	9	9
Champs, ORNL	9	9
Six Pots, ORNL	6	12
Scrubs, ORNL	4	14
Bums, ORNL	2	16



**THE YOUNG SINGING GROUP** from South Clinton picked up plaudits at the recent "Share-the-Fun" contest, held among 206 members of Anderson County 4-H Clubs. From left are Wilda Portwood, Wanda Price, Jane Altum, and Lee Bennett. Lee is the son of Robert K. Bennett, Methods Evaluation Group. The talented quartet, who sang "Green Back Dollar" was accompanied on the piano by Mrs. Frank Winstead, whose husband is in Special Production Control. The above group took first place at the contest, held in the Lake City Elementary School.

## 760's Three Point Leader In Bush Alleys

Big teams in the Bush League for Y-12 bowlers last week fared ill. The only sweep of the week saw the Rollmasters take four from the '66' Raiders. Three points went to the Rusty Five over the Seven Sixties, the Dry Hides over the Outcasts and the Rollniks over the Beavers. The Turtles and Hi Balls split two points each.

C. W. Craven, Rusty Five, captured high singles of 224 scratch, and 252 handicap. Fred Fox, also of the Rusty Five, took scratch series highs, rolling 563. Paul Febbo, Hi Balls, rolled high handicap series of 649.

The Rusty Five and Hi Balls shared single honors . . . the Five taking scratch of 905 and the Balls taking 1028 handicap. The Rusty Five took all series honors, however, counting 2639 scratch pins, and 2990 handicap ones.

League standings follow:

Team	W	L
Seven Sixties	20	8
Turtles	17	11
Hi Balls	16	12
Rusty Five	16	12
Dry Hides	15	13
Rollmasters	15	13
Rollniks	13	15
'66' Raiders	12	16
Outcasts	11½	16½
Beavers	4½	23½



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## Educational Assistance Program Is Explained

### Prior Approval Is Needed For Courses

With the spring quarter of school scheduled to begin shortly, Y-12 employees are reminded of Carbide's Educational Assistance Program.

The Educational Assistance Program provides for a fifty percent reimbursement of the cost of tuition, laboratory fees, necessary supplies, and books. An employee is eligible to participate in this program provided he has completed six months of Company service, obtains the approval of supervision, and successfully completes the course.

An employee must have approval prior to enrolling in a course under the Educational Assistance Program. In the past some employees have sought approval of educational assistance after enrollment in the course and in some few cases have not received reimbursement for one-half the costs incurred because the school was not approved or the course was not a qualified course of study in the Educational Assistance Program.

The University of Tennessee Undergraduate Program lists three registration dates with classes scheduled to begin Monday, March 23, 1964:

**Knoxville** — Claxton Education Building, Room 101  
Thursday, March 19, 1964 — 5:00 p.m.-7:30 p.m.  
Friday, March 20, 1964 — 5:00 p.m.-7:30 p.m.  
Saturday, March 21, 1964—10:00 a.m.-1:30 p.m.

**Oak Ridge** — Oak Ridge High School  
Thursday, March 19, 1964 — 5:00 p.m.-7:30 p.m.  
Friday, March 20, 1964 — 5:00 p.m.-7:30 p.m.  
Saturday, March 21, 1964 — 10:00 a.m.-1:30 p.m.

The University of Tennessee Oak Ridge Resident Graduate Program will have registration March 23, 1964 from 6:30-8:00 p.m. at ORINS Training Building, Room 118, located directly behind the AEC Administration Building. All registrations must be completed by March 31, including the payment of fees.

### Where Did You Put That Extra Blanket?

A recent press release indicated that some scientists think the world is in for another ice age... say 20,000 to 30,000 years from now. Say the scientists, glaciers will again cover the North American continent, and extend almost to the equator. After the winter of 1962-63, we have proved we can live through anything. Besides, in 200 or 300 centuries we probably won't be here anyway.



Congratulations to the following Y-12ers who celebrate important anniversaries with Union Carbide Corporation.

#### 20 YEARS

**Clyde R. Miller**, Janitors' Department, March 18.

**Walter D. Hill**, Stores Department, March 20.

**Evan B. Galloway**, Research Services, March 20.

**L. P. Vines**, Special Mechanical Production, March 20.

**Wofford M. Akers**, Electrical Department, March 20.

**John G. Smith Jr.**, Special Projects, March 20.

**William D. Burger**, Buildings, Grounds and Maintenance Shops, March 21.

**Maurice J. Fortenberry**, Special Projects, March 22.

**William H. Ward**, Chemical Services, March 23.

**William C. Anderson**, Stores Department, March 24.

#### 15 YEARS

**William H. Younger**, Area Five Maintenance, February 13.

**Dell C. Reed**, Buildings, Grounds and Maintenance Shops, March 18.

#### 10 YEARS

**Gerald W. Holcombe**, General Machine Shop, March 17.

**Charles B. Davis**, Process Maintenance, March 18.

**Billie McGregor**, Alloy Shop, March 18.

**Edward S. Heath**, Dimensional Inspection, March 18.

**Auther Mitchell**, Assembly Operations, March 21.

**Wayne W. Thompson**, Process Maintenance, March 22.

**Roy C. Stone**, Dimensional Inspection, March 22.

**Hobert N. Millican**, Area Five Maintenance, March 22.

**James V. McCoy**, Beta Four Forming, March 23.

**Raymond E. Plemons**, Quality Assurance, March 24.

**William H. Bender**, Research Services, March 24.

**Robert F. Long**, Machine Maintenance, March 24.

**Lanford Duncan**, A-1 Shop, March 24.



"She ran off with that airline pilot."



ATTENDANTS AT A RECENT Supervisory Conference hear H. G. P. Snyder give historical background on Union Carbide's benefit plans. The March conferences are being conducted by the superintendent of industrial relations.

6-1193

## Snyder Leads Conferences On Carbide Benefit Plans



H. G. P. SNYDER, superintendent of the industrial relations division in Y-12, discusses 'fringe' benefits at the current Supervisory Conferences.

Current Supervisory Conferences in Y-12 are centered around "benefit plans," often called fringe benefits. They are being conducted by H. G. P. Snyder, superintendent of Y-12's Industrial Relations Division.

In discussing Union Carbide's policies, Snyder pointed out that the corporation is continually reviewing the application and results of benefit plans and practices, as well as those of other companies. Prime consideration is given to the terms of investment and the real benefit to both parties.

"Union Carbide is proud of its benefit plan program. And new schemes and proposals of modification to existing plans are continually under study," he pointed out. "All plans and practices are examined as one package, in conjunction with associated government plans, and experiences and innovations are studied within the criteria of sound business practice and financial limitations."

"Historically, Carbide has entered into its major benefit plans after careful planning with an objective to meet employee needs. In respect to major benefit plans, Carbide has been and is among the leaders. We are concerned with provisions for continuity of income during unforeseen circumstances such as sickness, accident and death."

Touching on such benefits as

group insurance, hospitalization and medical insurance, major medical, the Savings Plan, Retirement, the Pension Plan, and other company plans, Snyder pointed out that a detailed discussion on any one of them would consume more time than he had allotted; however, he discussed the origin and administration of all plans with emphasis on programs of available insurance and retirement coverage.

Other 'fringe benefits' such as holidays and vacations were brought into the discussion.

"Let me remind you that these plans are always subject to change, in which case we intend to keep you informed. In the meantime, when questions arise, do not hesitate to contact us," he summarized.

### Y-12 Hay Will Go To Successful Bidder

If you have cattle to feed next winter, they might appreciate your bid on the cutting, baling and removal of hay from grounds inside and outside the Y-12 perimeter fence.

Property Sales announce again that it's time to bid on Y-12 hay. Additional information may be obtained from R. V. Brackney, extension 4601. Inspection maps of the area where the hay exists are available at the Property Sales Office, Room 216, Cheyenne Hall.

**Car pool members wanted from Hillside Road vicinity, Oak Ridge, to West Portal, straight day.** Arnold Agee, plant phone 7-8026, home phone Oak Ridge 482-2915.

**Three riders wanted from Harriman to West or Bear Creek Portal, straight day.** R. W. Curtis, plant phone 7-8465, home phone Harriman 882-2949.

**Ride wanted or will join car pool from Lenoir City to Central Portal, straight day.** Joyce Williamson, plant phone 7-8394, home phone Lenoir City 986-2806.

### Welding Society Holds Special Program, April 4

The Northeast Tennessee Section of the American Welding Society announces a special technical education program. It is set for Saturday, April 4, from 10 a.m. until 3 p.m. Three sessions covering Electron Beam Welding, Plasma Arc Processes, and Laser Applications, will be given by Edward McKenna, Hamilton Standard; Robert L. O'Brien, Linde Division of Union Carbide Corporation; and Charles M. Adams Jr., Massachusetts Institute of Technology.

Plan now to attend the AWS special program Saturday week. There is no fee involved.



PRODUCTION CONTROL RECENTLY bade farewell to Mary Ellen Boyd, second from left, who departed Y-12's ranks to await Mr. Stork. Her party was arranged by the co-workers above, Margaret Holt, Mary Ellen, Lucy Parker, Fay Duncan and Janice Gore.